



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

C. ARNTZEN, P. KIPP, R. KUMAR, and G. MAY

Appln. No.: 09/129,298

Group Art Unit: 1638

Confirmation No.:

Examiner: KRUSE, D.

Filed: August 05, 1998

For: THE USE OF MIXED DUPLEX OLIGONUCLEOTIDES TO EFFECT LOCALIZED
GENETIC CHANGES IN PLANTS

AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated March 1, 2002, please enter the following
amendments and consider the following remarks. This response is due on June 1, 2002
(Saturday) and may be timely filed on Monday, June 3, 2002.

AMENDMENTS

IN THE CLAIMS:

Please amend Claims 2, 8, 17, 19 and 20 as follows:

C/ 2. (Amended) The method of claim 1, wherein the recombinagenic oligonucleobase is a
mixed duplex oligonucleotide (MDON) and each of the homologous regions contains an RNA
segment of at least 6 RNA-type nucleotides.

CZ 8. (Amended) The method of claim 2, wherein the adhering step is performed in a solution
comprising 1.1-1.4 M NaCl and 18-22 μ M spermidine and at least 14 μ g/ml mixed duplex
oligonucleotide (MDON).